

Amendments to the Claims:

This listing of claims will replace all prior versions, and listings, of claims in the application:

1. (currently amended) A method of performing a research task within a searchable database comprising the steps of:
 - a. utilizing a search module to correlate a search criteria to the searchable database for generating one or more matching items, wherein each matching item corresponds to a segment of the searchable database, further wherein the search module includes a keyword search ~~capability~~, a hierarchical search ~~capability~~, and a dichotomous key search ~~capability~~;
 - b. utilizing the search module to correlate a subsequent search criteria to one of the matching items for generating one or more subsequent matching items, wherein each subsequent matching item is a sub-segment of the matching item used to generate the subsequent matching item, and further wherein the subsequent search criteria is a selective one of the search criteria and a different search criteria; and
 - c. repeating step (b) until the research task is completed such that each utilization of the search module includes the availability of the keyword search ~~capability~~, the hierarchical search ~~capability~~, and the dichotomous key search ~~capability~~.
2. (canceled)
3. (canceled)
4. (original) The method as claimed in claim 1 wherein when the utilized search methodology is the keyword search, the search criteria is one or more keywords input by a user.
5. (original) The method as claimed in claim 1 wherein when the utilized search methodology is the hierarchical search, the search criteria is a selected one of a list of one or more directory items.
6. (original) The method as claimed in claim 1 wherein when the utilized search methodology is the dichotomous key search, the search criteria is a selected one of two binary items.

7. (original) The method as claimed in claim 1 wherein the searchable database is distributed into more than one physical location.
8. (original) The method as claimed in claim 1 wherein the steps of utilizing the search methodologies are performed by a server.
9. (original) The method as claimed in claim 8 further comprising the step of establishing an internet connection with the server to utilize the search methodologies.
10. (original) The method as claimed in claim 9 wherein the internet connection is established with a computer system at a remote location from the server.
11. (original) The method as claimed in claim 1 wherein the searchable database is formatted in a directory tree structure, and further wherein the directory tree structure includes nodes comprising a collection of related data and branches comprising links between the nodes.
12. (original) The method as claimed in claim 11 wherein the collection of related data for a particular node is displayed in an encyclopedia-like format, wherein the encyclopedia-like format includes text, graphics, and links to related topics.
13. (original) The method as claimed in claim 11 further comprising the step of maintaining the node by appropriately adding and deleting data to and from the node.
14. (original) The method as claimed in claim 13 wherein the step of maintaining the node is performed by a node owner who maintains the node and all nodes that are linked beneath the corresponding node within the directory tree structure.
15. (currently amended) A research system for performing a research task within a searchable database comprising a research server configured to utilize a search module, to correlate a search criteria to the searchable database coupled to the research server for generating one or more matching items, wherein each matching item corresponds to a segment of the searchable database, further wherein the search module includes a keyword search **capability**, a hierarchical search **capability**, and a dichotomous key search **capability**, to utilize the search module to

correlate a subsequent search criteria to one of the matching items for generating one or more subsequent matching items, wherein each subsequent matching item is a sub-segment of the matching item used to generate the subsequent matching item, further wherein the subsequent search criteria is a selective one of the search criteria and a different search criteria, and to repeat the utilization of the search module to correlate a subsequent search criteria to one of the matching items for generating one or more subsequent matching items, wherein each subsequent matching item is a sub-segment of the matching item used to generate the subsequent matching item, further wherein the subsequent search criteria is a selective one of the search criteria and a different search criteria, until the research task is completed, and further wherein each utilization of the search module includes the availability of the keyword search capability, the hierarchical search capability, and the dichotomous key search capability.

16. (canceled)

17. (original) The research system as claimed in claim 15 further comprising an interface circuit coupled to the research server to establish a connection with a computer system.

18. (original) The research system as claimed in claim 17 wherein the connection is established with the computer system at a remote location from the interface circuit.

19. (original) The research system as claimed in claim 18 wherein the connection is established with the remote computer system and the interface circuit over the internet to allow users to access the research system and to utilize the search methodologies to perform the research task.

20. (original) The research system as claimed in 15 wherein the searchable database is distributed into more than one physical location.

21. (original) The research system as claimed in 15 wherein the searchable database is formatted in a directory tree structure, and further wherein the directory tree structure includes nodes comprising a collection of related data and branches comprising links between the nodes.

22. (original) The research system as claimed in 21 wherein the collection of related data for a particular node is displayed in an encyclopedia-like format, wherein the encyclopedia-like format includes text, graphics, and links to related topics.

23. (original) The research system as claimed in 21 further comprising a node owner for maintaining the node by appropriately adding and deleting related data to and from the node.

24. (original) The research system as claimed in 23 wherein the node owner maintains the corresponding node and all nodes that are linked beneath the corresponding node within the directory tree structure.

25. (canceled)

26. (canceled)

27. (canceled)

28. (canceled)

29. (canceled)

30. (canceled)

31. (canceled)

32. (canceled)

33. (canceled)

34. (canceled)

35. (canceled)

36. (canceled)

37. (canceled)

38. (canceled)

39. (canceled)

40. (canceled)

41. (canceled)

42. (canceled)

43. (canceled)

44. (canceled)

45. (canceled)

46. (canceled)

47. (canceled)

48. (canceled)

49. (currently amended) A method of performing a research task within a searchable database comprising the steps of:

- a. utilizing a search module to correlate a search criteria to the searchable database for generating one or more matching items, wherein each matching item corresponds to a segment of the searchable database, further wherein the search module includes a keyword search **capability**, a dichotomous key search **capability**, and a parametric search **capability**;

- b. utilizing the search module to correlate a subsequent search criteria to one of the matching items for generating one or more subsequent matching items, wherein each subsequent matching item is a sub-segment of the matching item used to generate the subsequent matching item, and further wherein the subsequent search criteria is a selective one of the search criteria and a different search criteria; and
- c. repeating step (b) until the research task is completed such that each utilization of the search module includes the availability of the keyword search ~~capability~~, the dichotomous key search ~~capability~~, and the parametric search ~~capability~~.

50. (canceled)

51. (canceled)

52. (original) The method as claimed in claim 49 wherein when the utilized search methodology is the dichotomous key search, the search criteria is a selected one of two binary items.

53. (original) The method as claimed in claim 49 wherein when the utilized search methodology is the parametric search, the search criteria is one or more set parameters, and further wherein the parameters are set by a user.

54. (original) The method as claimed in claim 49 wherein when the utilized search methodology is the keyword search, the search criteria is one or more keywords input by a user.

55. (original) The method as claimed in claim 49 wherein the searchable database is distributed into more than one physical location.

56. (original) The method as claimed in claim 49 wherein the steps of utilizing the search methodologies are performed by a server.

57. (original) The method as claimed in claim 49 further comprising the step of establishing an internet connection with the server to utilize the search methodologies.

58. (original) The method as claimed in claim 57 wherein the internet connection is established with a computer system at a remote location from the server.

59. (original) The method as claimed in claim 49 wherein the searchable database is formatted in a directory tree structure, and further wherein the directory tree structure includes nodes comprising a collection of related data and branches comprising links between the nodes.

60. (original) The method as claimed in claim 59 wherein the collection of related data for a particular node is displayed in an encyclopedia-like format, wherein the encyclopedia-like format includes text, graphics, and links to related topics.

61. (original) The method as claimed in claim 59 further comprising the step of maintaining the node by appropriately adding and deleting data to and from the node.

62. (original) The method as claimed in claim 61 wherein the step of maintaining the node is performed by a node owner who maintains the corresponding node and all nodes that are linked beneath the corresponding node within the directory tree structure.

63. (currently amended) A research system for performing a research task within a searchable database comprising a research server configured to utilize a search module to correlate a search criteria to the searchable database coupled to the research server for generating one or more matching items, wherein each matching item corresponds to a segment of the searchable database, further wherein the search module includes a keyword search ~~capability~~, a dichotomous key search ~~capability~~, and a parametric search ~~capability~~, to utilize the search module to correlate a subsequent search criteria to one of the matching items for generating one or more subsequent matching items, wherein each subsequent matching item is a sub-segment of the matching item used to generate the subsequent matching item, further wherein the subsequent search criteria is a selective one of the search criteria and a different search criteria, and to repeat the utilization of the search module to correlate a subsequent search criteria to one of the matching items for generating one or more subsequent matching items, wherein each subsequent matching item is a sub-segment of the matching item used to generate the subsequent matching item, and further wherein the subsequent search criteria is a selective one of the search criteria and a different search criteria, until the research task is completed, and further wherein each utilization of the

search module includes the availability of the keyword search ~~capability~~, the dichotomous key search ~~capability~~, and the parametric search ~~capability~~.

64. (canceled)

65. (original) The research system as claimed in claim 63 further comprising an interface circuit coupled to the research server to establish a connection with a computer system.

66. (original) The research system as claimed in claim 65 wherein the connection is established with the computer system at a remote location from the interface circuit.

67. (original) The research system as claimed in claim 66 wherein the connection is established with the remote computer system and the interface circuit over the internet to allow users to access the research system and to utilize the search methodologies to perform the research task.

68. (original) The research system as claimed in 63 wherein the searchable database is distributed into more than one physical location.

69. (original) The research system as claimed in 63 wherein the searchable database is formatted in a directory tree structure, and further wherein the directory tree structure includes nodes comprising a collection of related data and branches comprising links between the nodes.

70. (original) The research system as claimed in 69 wherein the collection of related data for a particular node is displayed in an encyclopedia-like format, wherein the encyclopedia-like format includes text, graphics, and links to related topics.

71 (original) The research system as claimed in 69 further comprising a node owner for maintaining the node by appropriately adding and deleting related data to and from the node.

72. (original) The research system as claimed in 71 wherein the node owner maintains the corresponding node and all nodes that are linked beneath the corresponding node within the directory tree structure.

73. (currently amended) A method of performing a research task within a searchable database comprising the steps of:

- a. utilizing a search module to correlate a search criteria to the searchable database for generating one or more matching items, wherein each matching item corresponds to a segment of the searchable database, further wherein the search module includes a hierarchical search ~~capability~~, a dichotomous key search ~~capability~~, and a parametric search ~~capability~~;
- b. utilizing the search module to correlate a subsequent search criteria to one of the matching items for generating one or more subsequent matching items, wherein each subsequent matching item is a sub-segment of the matching item used to generate the subsequent matching item, and further wherein the subsequent search criteria is a selective one of the search criteria and a different search criteria; and
- c. repeating step (b) until the research task is completed such that each utilization of the search module includes the availability of the hierarchical search ~~capability~~, the dichotomous key search ~~capability~~, and the parametric search ~~capability~~.

74. (canceled)

75. (canceled)

76. (original) The method as claimed in claim 73 wherein when the utilized search methodology is the hierarchical search, the search criteria is a selected one of a list of one or more directory items.

77. (original) The method as claimed in claim 73 wherein when the utilized search methodology is the dichotomous key search, the search criteria is a selected one of two binary items.

78. (original) The method as claimed in claim 73 wherein when the utilized search methodology is the parametric search, the search criteria is one or more set parameters, and further wherein the parameters are set by a user.

79. (original) The method as claimed in claim 73 wherein the searchable database is distributed into more than one physical location.

80. (original) The method as claimed in claim 73 wherein the steps of utilizing the search methodologies are performed by a server.
81. (original) The method as claimed in claim 80 further comprising the step of establishing an internet connection with the server to utilize the search methodologies.
82. (original) The method as claimed in claim 81 wherein the internet connection is established with a computer system at a remote location from the server.
83. (original) The method as claimed in claim 73 wherein the searchable database is formatted in a directory tree structure, and further wherein the directory tree structure includes nodes comprising a collection of related data and branches comprising links between the nodes.
84. (original) The method as claimed in claim 83 wherein the collection of related data for a particular node is displayed in an encyclopedia-like format, wherein the encyclopedia-like format includes text, graphics, and links to related topics.
85. (original) The method as claimed in claim 83 further comprising the step of maintaining the node by appropriately adding and deleting data to and from the node.
86. (original) The method as claimed in claim 85 wherein the step of maintaining the node is performed by a node owner who maintains the node and all nodes that are linked beneath the corresponding node within the directory tree structure.
87. (currently amended) A research system for performing a research task within a searchable database comprising a research server configured to utilize a search module to correlate a search criteria to the searchable database coupled to the research server for generating one or more matching items, wherein each matching item corresponds to a segment of the searchable database, further wherein the search module includes a hierarchical search **capability**, a dichotomous key search **capability**, and a parametric search **capability**, to utilize the search module to correlate a subsequent search criteria to one of the matching items for generating one or more subsequent matching items, wherein each subsequent matching item is a sub-segment of the matching item used to generate the subsequent matching item, further wherein the subsequent

search criteria is a selective one of the search criteria and a different search criteria, and to repeat the utilization of the search module to correlate a subsequent search criteria to one of the matching items for generating one or more subsequent matching items, wherein each subsequent matching item is a sub-segment of the matching item used to generate the subsequent matching item, and further wherein the subsequent search criteria is a selective one of the search criteria and a different search criteria, until the research task is completed, and further wherein each utilization of the search module includes the availability of the hierarchical search ~~capability~~, the dichotomous key search ~~capability~~, and the parametric search ~~capability~~.

88. (canceled)

89. (original) The research system as claimed in claim 88 further comprising an interface circuit coupled to the research server to establish a connection with a computer system.

90. (original) The research system as claimed in claim 89 wherein the connection is established with the computer system at a remote location from the interface circuit.

91. (original) The research system as claimed in claim 90 wherein the connection is established with the remote computer system and the interface circuit over the internet to allow users to access the research system and to utilize the search methodologies to perform the research task.

92. (original) The research system as claimed in 87 wherein the searchable database is distributed into more than one physical location.

93. (original) The research system as claimed in 87 wherein the searchable database is formatted in a directory tree structure, and further wherein the directory tree structure includes nodes comprising a collection of related data and branches comprising links between the nodes.

94. (original) The research system as claimed in 93 wherein the collection of related data for a particular node is displayed in an encyclopedia-like format, wherein the encyclopedia-like format includes text, graphics, and links to related topics.

95. (original) The research system as claimed in 93 further comprising a node owner for maintaining the node by appropriately adding and deleting related data to and from the node.

96. (original) The research system as claimed in 95 wherein the node owner maintains the corresponding node and all nodes that are linked beneath the corresponding node within the directory tree structure.